

ABSTRACT OF THE DISCLOSURE

A transformer. A transformer includes an iron core structure, a first bobbin, a first primary coil, a first secondary coil, a second bobbin, a second primary coil and a second secondary coil. The first bobbin has a first hollow portion and a second hollow portion. The iron core structure passes through and surrounds the first and second hollow portions. The first primary coil is wound on the first hollow portion. The first secondary coil is wound on the second hollow portion. The second bobbin has a third hollow portion and a fourth hollow portion. The iron core structure passes through and surrounds the third and fourth hollow portions. The second primary coil is wound on the third hollow portion. The second secondary coil is wound on the fourth hollow portion.